

MAR 1952

CLASSIFICATION CONFIDENTIAL  
 SECURITY INFORMATION  
 CENTRAL INTELLIGENCE AGENCY  
 INFORMATION FROM  
 FOREIGN DOCUMENTS OR RADIO BROADCASTS

REPORT

50X1-HUM

CD NO.

COUNTRY USSR

DATE OF  
INFORMATION 1952

SUBJECT Economic - Irrigation construction

DATE DIST. 19 Dec 1952

HOW  
PUBLISHED Daily newspaper, monthly periodicalWHERE  
PUBLISHED USSR

NO. OF PAGES 2

DATE  
PUBLISHED 8 May, Sep 1952

LANGUAGE Russian

SUPPLEMENT TO  
REPORT NO.

THIS DOCUMENT CONTAINS INFORMATION AFFECTING THE NATIONAL DEFENSE  
 OF THE UNITED STATES, WITHIN THE MEANING OF TITLE 18, SECTIONS 793  
 AND 794, OF THE U.S. CODE, AS AMENDED. ITS TRANSMISSION OR REVE-  
 LATION OF ITS CONTENTS TO OR RECEIPT BY AN UNAUTHORIZED PERSON IS  
 PROHIBITED BY LAW. THE REPRODUCTION OF THIS FORM IS PROHIBITED.

THIS IS UNEVALUATED INFORMATION

SOURCE Newspaper and periodical as indicated.

DATA ON COMPLETED SECTION OF IRRIGATION SYSTEM  
IN ROSTOVSKAYA OBLAST

[Numbers in parentheses refer to appended sources.]

The first section of the irrigation systems based on the Volga-Don Canal, which irrigates 100,000 hectares in Rostovskaya Oblast, was completed simultaneously with the canal.

The work amounted to over 16.6 million cubic meters of earthwork, including 2,685 kilometers of permanent canals, 3,470 hydraulic engineering structures, 10,023 water gates at the inlets to temporary irrigation ditches, 87,922 cubic meters of housing space, 55,751 cubic meters of cultural and public service construction, 29,142 cubic meters of administrative buildings, and 75,097 cubic meters of industrial enterprises.

Expenditures, expressed in percentage of the total expenditure, were as follows:

Planning and exploratory work	4.2
Construction of the irrigation network	21.4
Structures	14.5
Industrial, cultural and public service, and administrative buildings	23.4
Roads	16.1
Machinery, transportation, and other equipment	16.1
Other expenses	4.5
Total	100.0

- 1 -

CLASSIFICATION		<u>CONFIDENTIAL</u>	
STATE	<input checked="" type="checkbox"/> NAVY	<input checked="" type="checkbox"/> NSRR	DISTRIBUTION
ARMY	<input checked="" type="checkbox"/> AIR	<input checked="" type="checkbox"/> FBI	

CONFIDENTIAL

50X1-HUM

Ninety-seven percent of all the work on the construction was mechanized, leaving only 3 percent to manual work, which consisted mainly of finishing jobs on the canal slopes. The ratio of the total cost of machinery used to the total cost of the work is 0.88. Power available per workman doing earth-work averaged 76.5 horsepower and 18.9 horsepower per person for the entire construction.

The table below shows the amount of work performed by different types of machinery, expressed in percentage of the total amount of the work performed by the machines.(1)

Excavators, single bucket	23.6
Bulldozers	26.4
Scrapers	14.7
Graders, elevators	9.1
Graders, heavy	25.8
Ditch diggers	0.4

Rostovdonvodstroy, which is in charge of the construction, has already started building the second portion of the project to irrigate another 100,000 hectares of land in Rostovskaya Oblast, between the Sal and Manyh rivers. The completion of this work is scheduled for 1953.

Rostovdonvodstroy created two additional construction and installation administrations as well as supply bases and builders' settlements for this purpose in Verkhne-Sol'nyy, Elkino, and other villages.(2)

#### SOURCES

1. Moscow, Gidrotehnika i Melioratsiya, No 9, Sep 52
2. Kiev, Pravda Ukrainy, 8 May 52

- E N D -

- 2 -

CONFIDENTIAL